AUTODOC CLUB

How to change fuel filter on **Mercedes W168 petrol** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
MERCEDES-BENZ A-Class (W168) A 140 (168.031, 168.131), MERCEDES-BENZ A-Class (W168) A 190 (168.032, 168.132), MERCEDES-BENZ VANEO (414) 1.6 (414.700), MERCEDES-BENZ VANEO (414) 1.9 (414.700), MERCEDES-BENZ A-Class (W168) A 210 (168.035, 168.135)

The steps may slightly vary depending on the car design.

REPLACEMENT: FUEL FILTER – MERCEDES W168.
TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Drive socket # 7
- Drive socket # 8
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fluid container

BUY TOOLS

Replacement: fuel filter – Mercedes W168. Tip from AUTODOC experts:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- All work should be done with the engine stopped.

REPLACEMENT: FUEL FILTER – MERCEDES W168. RECOMMENDED SEQUENCE OF STEPS:

1 Lift the car using a jack or place it over an inspection pit.



2 Clean the fuel filter bracket. Use a wire brush. Use WD-40 spray.



3 Unscrew the fuel filter bracket fixing bolts. Use a drive socket #8. Use a ratchet wrench.



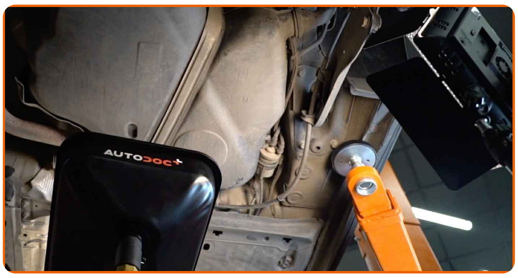
4

Remove the fuel filter together with its bracket.



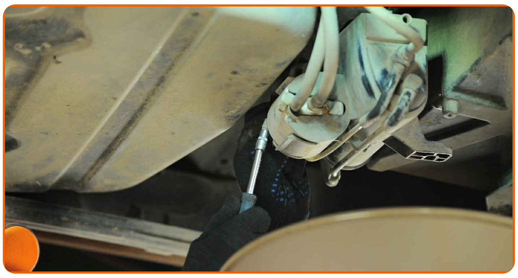
5

Prepare a container for fluids.



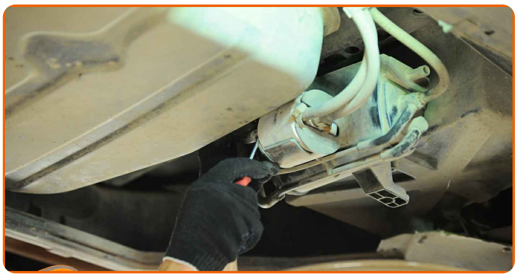
6

Loosen the fastening clamp of the fuel filter pipe. Use a drive socket #7. Use a ratchet wrench.



7

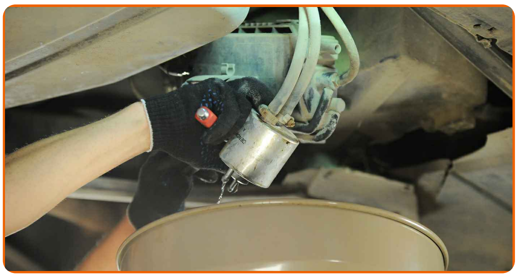
Disconnect the pipe from the fuel filter. Use a flat screwdriver.



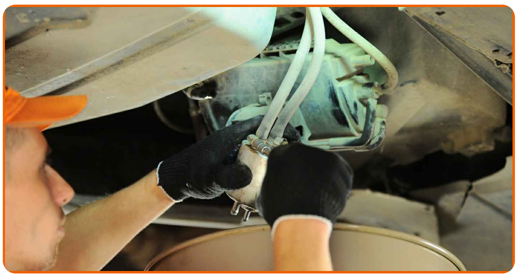
Replacement: fuel filter – Mercedes W168. Tip:

- Be careful! Fuel may leak from the filter housing and hoses.

8 Remove the fuel filter. Use a flat screwdriver.



9 Loosen the fastening clamps of the fuel filter pipes. Use a drive socket #7. Use a ratchet wrench.



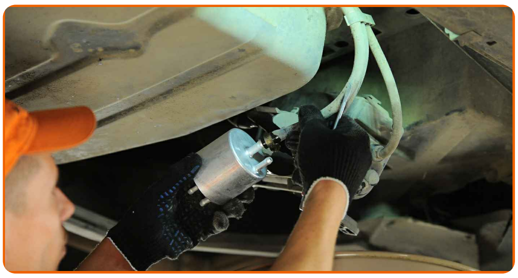
10 Detach the tubes from the fuel filter. Use a flat screwdriver.



Replacement: fuel filter – Mercedes W168. AUTODOC recommends:

- Be careful! Fuel may leak from the filter housing and hoses.

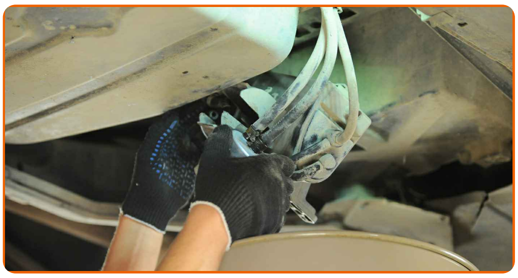
11 Attach the tubes to the fuel filter.



12 Tighten the fastening clamps of the fuel filter pipes. Use a drive socket #7. Use a ratchet wrench.



13 Install a new fuel filter.



AUTODOC recommends:

- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Mercedes W168 – It's important to only use high-quality filters.

14 Attach the pipe to the fuel filter.



15 Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #7. Use a ratchet wrench.



16 Install the new fuel filter together with its bracket.

17 Screw the fixing bolts of the fuel filter bracket. Use a drive socket #8. Use a torque wrench. Tighten it to 9 nm torque.



18 Take the fluid container away from under the fuel filter.

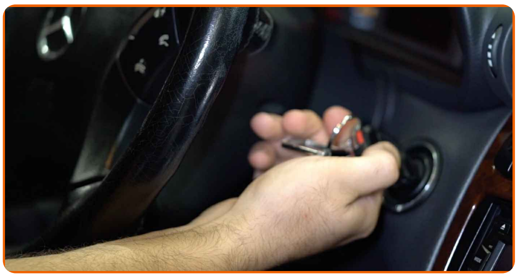
19 Lower the car.



Replacement: fuel filter – Mercedes W168. Tip from AUTODOC:

- Before starting off, switch the ignition on and off several times. This should be done to activate the fuel pump to make it pump fuel through the fuel system.

20 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



21 Shut off the engine.

Replacement: fuel filter – Mercedes W168. AUTODOC experts recommend:

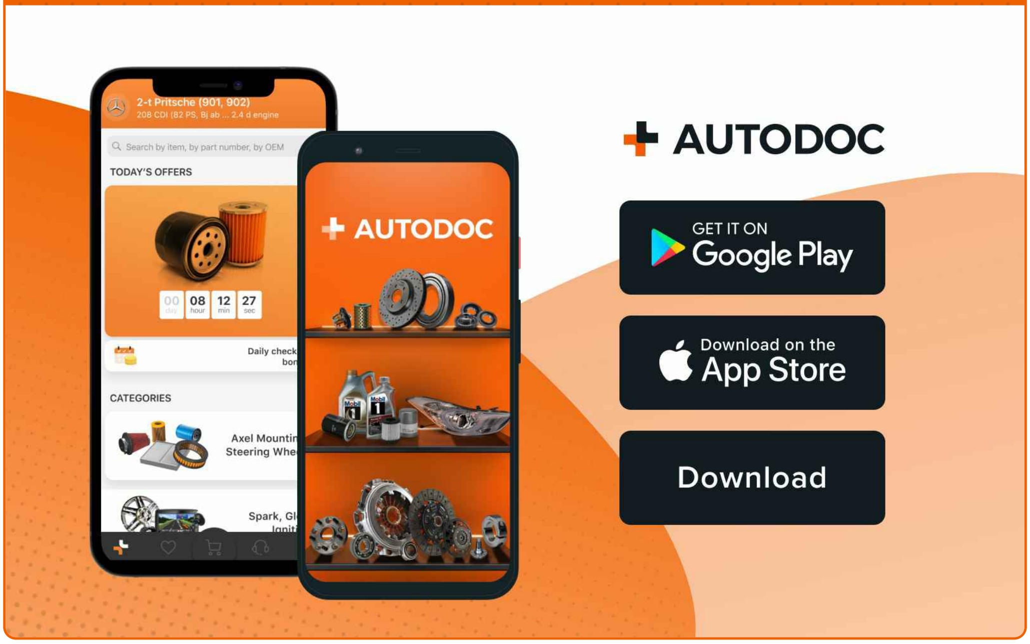
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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